

Abstract of the Disclosure:

A mechanism for the transmission of time-synchronous data from a sender to a receiver using a network, in particular the Internet, where the data is processed and/or transmitted at the sender as well as the receiver side using at least one processing unit. The mechanism is designed in such a way, that for improving the transmission quality for time-synchronous data a parallel processing unit is setup and/or adapted based on changed data load and/or network characteristics. After a switching process, preferably using a switch, the data is processed and/or transmitted using the parallel processing unit.